



UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Takuya SAITO et al.**

Group Art Unit: **2193**

Serial Number: **10/663,711**

Examiner: **David H. Malzahn**

Filed: **September 17, 2003**

Confirmation Number: **2237**

For: **NUMERIC VALUE SEARCH APPARATUS AND NUMERIC VALUE SEARCH METHOD**

Attorney Docket Number: **031014**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. 1.97(c)(2)**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

January 23, 2007

Sir:

Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$180.00 fee set forth in 37 C.F.R. §1.17(p).

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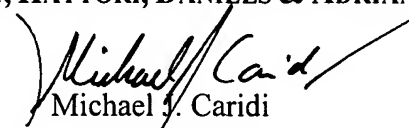
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Information Disclosure Statement under 1.97(c)(2)  
Attorney Docket No. 031014  
Serial No. 10/663,711

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Respectfully submitted,  
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Enclosures: PTO/SB/08  
Document(s)  
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Combined Form PTO/SB/08A&amp;B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/663,711
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Filing Date	September 17, 2003
First Named Inventor	Takuya SAITO
Art Unit	2193
Examiner Name	David H. MALZAHN
Attorney Docket Number	031014

Sheet

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of

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
	1.	US 6,748,405	B2	06-08-2004	De Tremiolles et al.
	2.	US 2001/0013048	A1	08-09-2001	Imbert de Tremiolles et al.
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	3.	JP	62-109171	A	05-20-1987	Sumitomo Electric Industries	Abstract
	4.	JP	2001-236207	A	08-31-2001	Imbert de Tremiolles et al.	Correspond to cite nos. 1 & 2 above

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.